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August 14, 2007

VIA FACSIMILE: (571) 273-3201

Ms. Terry M. Johnson-Vessels
Office of PCT Operations
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 10/573,107
based on International Application PCT/AT04/00364
Our Ref: ARTELSMAIR - 5 PCT

Dear Ms. Johnson-Vessels:

At the suggestion of Mrs. Deborah Brittingham, we are writing to you to formally request a correction of United States Patent Application Publication No. 2007/0102411 A1, the first page of which is enclosed.

Please note that the following data mentioned on the front page of the publication is incorrect and does not belong to the subject Patent Application:

"Assignee" should correctly refer to - - Fronius International GmbH - - as reflected in the Publication of the International Application WO 2005/042200 A1, a copy of the first page of which is enclosed.

"Inventor" should correctly refer to - - Josef Artelsmair - -

"Foreign Application Priority Data" should correctly refer to - - Austrian Application A 1687/2003 filed October 23, 2003 - -

Also attached are copies of the Filing Receipt and Notice of Acceptance under 35 U.S.C. 371 and 37 C.F.R. 1.495. Please note that the Applicant and Assignment For Published Patent Application information reflected on these documents is incorrect. Specifically:

"Applicant" should correctly refer to - - Josef Artelsmair, Wartberg/Krems, Austria - -

The "Assignment For Published Patent Application" should correctly refer to - - Fronius International GmbH, Pettenbach, Austria - - .

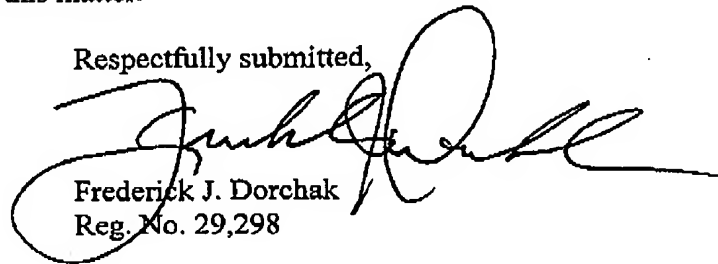
1966-2007 Our 41st Year

Ms. Terry M. Johnson-Vessels
August 14, 2007
Page 2

Please provide us with confirmation that these errors in the Published Patent Application and in the Filing Receipt and Notice of Acceptance have been corrected.

Thank you for your attention to this matter.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'Frederick J. Dorchak', written over the typed name and registration number.

Frederick J. Dorchak
Reg. No. 29,298

FJD:mmm
Enclosures

R:\V\m\m\ART\ELSA\AIR 5 PCT\4x to PTO re correction.wpd

(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2007/0102411 A1****Takano**(43) **Pub. Date: May 10, 2007**(54) **METHOD FOR CONTROLLING AND/OR
ADJUSTING A WELDING PROCESS**(30) **Foreign Application Priority Data**

Sep. 6, 2003 (JP) 2003-334728

(75) **Inventor: Akichika Takano, Kanagawa (JP)****Publication Classification**(51) **Int. Cl.**
B23K 9/10 (2006.01)(52) **U.S. Cl.** 219/137.71

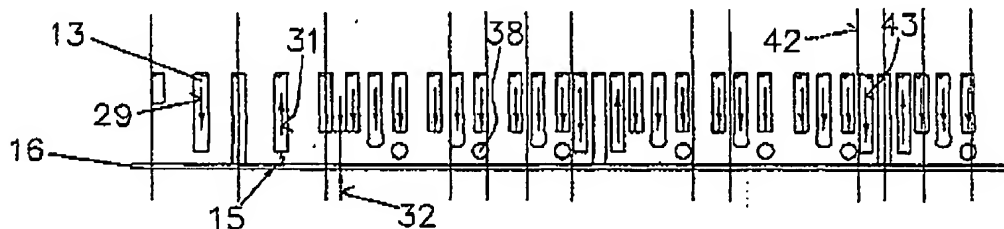
Correspondence Address:

WILLIAM COLLARD**COLLARD & ROE, P.C.****1077 NORTHERN BOULEVARD****ROSLYN, NY 11576 (US)**(73) **Assignee: DAIKIN INDUSTRIES LTD, OSAKA-
SHI OSAKA JAPAN (JP)**(21) **Appl. No.: 10/573,107**(22) **PCT Filed: Oct. 21, 2004**(86) **PCT No.: PCT/AT04/00364**

§ 371(c)(1),

(2), (4) **Date: Mar. 23, 2006**(57) **ABSTRACT**

The invention relates to a method for controlling and/or adjusting a welding process, using a melting welding wire (13) wherein after ignition of an electric arc, a welding process is carried out, the welding process being adjusted on the basis of several different welding parameters and being controlled or adjusted by a control device and/or welding current source. In order to determine the position of distance between the end of the welding wire (13) and the workpiece (16), which is to be processed, in a manner which is as accurate as possible, at least one mechanical adjustment process (41) is carried out during the welding process, enabling the position of said welding wire (13) being used as a sensor.



(12) NACH DEM VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES
PATENTWESENS (PCT) VERÖFFENTLICHTE INTERNATIONALE ANMELDUNG

(19) Weltorganisation für geistiges Eigentum
Internationales Büro



(43) Internationales Veröffentlichungsdatum
12. Mai 2005 (12.05.2005)

PCT

(10) Internationale Veröffentlichungsnummer
WO 2005/042200 A1

(51) Internationale Patentklassifikation⁷: **B23K 9/12**
(21) Internationales Aktenzeichen: **PCT/AT2004/000364**
(22) Internationales Anmeldedatum:
21. Oktober 2004 (21.10.2004)
(25) Einreichungssprache: **Deutsch**
(26) Veröffentlichungssprache: **Deutsch**
(30) Angaben zur Priorität:
A 1687/2003 23. Oktober 2003 (23.10.2003) **AT**
(71) Anmelder (für alle Bestimmungsstaaten mit Ausnahme von
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(75) Erfinder/Anmelder (nur für US): **ARTELSMAIR, Josef**
[AT/AT]; Hiersdorf 59, A-4552 Wartberg/Krems (AT).

(74) Anwalt: **SONN & PARTNER; Riemergasse 14, A-1010
Wien (AT).**

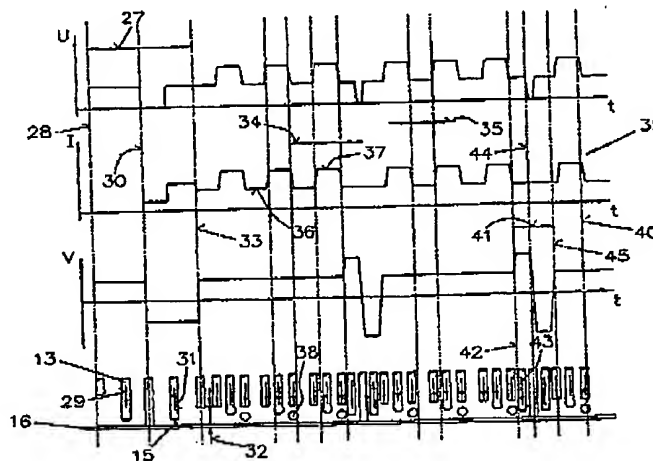
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AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
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EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT,**

[Fortsetzung auf der nächsten Seite]

(54) Title: **METHOD FOR CONTROLLING AND/OR ADJUSTING A WELDING PROCESS**

(54) Bezeichnung: **VERFAHREN ZUM STEUERN UND/ODER REGELN EINES SCHWEISSPROZESSES**



(57) Abstract: The invention relates to a method for controlling and/or adjusting a welding process, using a melting welding wire (13), wherein after ignition of an electric arc, a welding process is carried out, said welding process being adjusted on the basis of several different welding parameters and being controlled or adjusted by a control device and/or a welding current source. In order to determine the position or distance between the end of the welding wire (13) and the workpiece (16), which is to be processed, in a manner which is as accurate as possible, at least one mechanical adjustment process (41) is carried out during the welding process, enabling the position of said welding wire (13) to be determined, said welding wire (13) being used as a sensor.

[Fortsetzung auf der nächsten Seite]



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CPT
7/16/07

APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/573,107	03/23/2006	1725	900	ARTELSMAIR 5 PCT	15	1

CONFIRMATION NO. 4453

25889

WILLIAM COLLARD
COLLARD & ROE, P.C.
1077 NORTHERN BOULEVARD
ROSLYN, NY 11576

FILING RECEIPT

OC000000024804711

Date Mailed: 07/13/2007

Receipt is acknowledged of this nonprovisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Akichika Takano, Kanagawa, JAPAN;

Assignment For Published Patent Application

DAIKIN INDUSTRIES LTD, OSAKA-SHI OSAKA JAPAN, JAPAN

Power of Attorney: The patent practitioners associated with Customer Number 25889.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/AT04/00364 10/21/2004

Foreign Applications

AUSTRIA A 1687/2003 10/23/2003

If Required, Foreign Filing License Granted: 01/30/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/573,107**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

Title

Method for controlling and/or adjusting a welding process

Preliminary Class

219

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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U.S. APPLICATION NUMBER NO. 10/573,107	FIRST NAMED APPLICANT Akichika Takano	ATTY. DOCKET NO. ARTELSMAIR 5 PCT
INTERNATIONAL APPLICATION NO. PCT/AT04/00364		
I.A. FILING DATE 10/21/2004	PRIORITY DATE 10/23/2003	

25889
WILLIAM COLLARD
COLLARD & ROE, P.C.
1077 NORTHERN BOULEVARD
ROSLYN, NY 11576

CONFIRMATION NO. 4453

371 ACCEPTANCE LETTER

OC000000024804712

Date Mailed: 07/13/2007

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified International application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>03/23/2006</u>	<u>03/23/2006</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 03/23/2006
- Copy of the International Search Report filed on 03/23/2006
- Copy of IPE Report filed on 03/23/2006
- Preliminary Amendments filed on 03/23/2006
- Information Disclosure Statements filed on 03/23/2006
- Oath or Declaration filed on 03/23/2006
- Request for Immediate Examination filed on 03/23/2006
- U.S. Basic National Fees filed on 03/23/2006
- Assignment filed on 03/23/2006
- Priority Documents filed on 03/23/2006
- Power of Attorney filed on 03/23/2006

- Specification filed on 03/23/2006
- Claims filed on 03/23/2006
- Abstracts filed on 03/23/2006
- Drawings filed on 03/23/2006

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

TERRY M JOHNSON VESSELS
Telephone: (703) 308-9140 EXT 221

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FORM PCT/DO/EO/903 (371 Acceptance Notice)